PRODUCT INFORMATION

Target	TFRC
Synonyms	TR; TFR; p90; CD71; TFR1; Trfr; Mtvr1
Description	Recombinant mouse TFRC protein with N-terminal 10×His tag
Delivery	In Stock
Uniprot ID	Q62351
Expression Host	HEK293
Tag	N-10×His tag
Molecular Characterization	10×His tag Mouse TFRC(Cys89-Phe763)
Molecular Weight	The protein has a predicted molecular mass of 77.3 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene encodes a cell surface receptor necessary for cellular iron uptake by the process of receptor-mediated endocytosis. This receptor is required for erythropoiesis and neurologic development. Mice that are deficient in this receptor show impaired erythroid development and abnormal iron homeostasis. [provided by RefSeq, Sep 2015]
Usage	Research use only
Conjugate	Unconjugated

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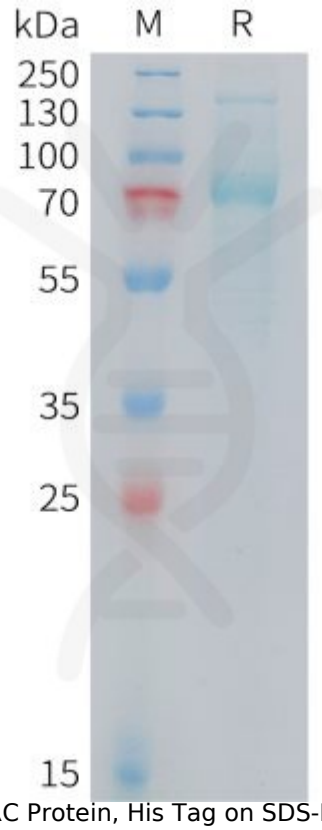


Figure 1. Mouse TFRC Protein, His Tag on SDS-PAGE under reducing condition.

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